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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/836,924	04/17/2001	Salil Pradhan	10011962-1	9018

7590 10/18/2005

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EXAMINER

CHOU DHURY, AZIZUL Q

ART UNIT PAPER NUMBER

2145

DATE MAILED: 10/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/836,924

Applicant(s)

PRADHAN ET AL.

Examiner

Azizul Choudhury

Art Unit

2145

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 July 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 April 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>2/04</u> | 6) <input type="checkbox"/> Other: _____ |

Detailed Action

Claim Rejections - 35 USC § 102

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Claims 1-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Fowler et al (US Pat No: 6,714,977), hereafter referred to as Fowler.

1. With regards to claim 1, Fowler teaches a system for creating a link between a physical location and its web page, comprising: a user interface that receives positional data related to a physical location of a receiver system; a virtual beacon comprising an electronic file containing positional data and a web address related to a physical location having a web page; an association module coupled to the user interface to create a link between the positional data related to the physical location of the receiver system and the virtual beacon comprising the electronic file containing the positional data and the web address related to

the physical location having the web page such that the receiver system near the physical location having the webpage can receive the electronic file to access the web page without browsing, wherein the virtual beacon is not a physical object (Fowler teaches a networked monitoring design. The design features a system of bots such as climate bot and Net bot (equivalent to the claimed receiver system) to monitor various physical locations (column 7, lines 7-25) and transmit data through the network related to the location (column 6, lines 63-67, Fowler). Each of the bots is able (but not required) to "host" as well and post the relevant data over the network. The design allows for a web page interface (equivalent to the claimed user interface) (column 7, lines 18-20, Fowler) and also features agents (equivalent to the claimed virtual beacon) to request and transfer the relevant data from the bots (column 7, lines 21-25 and column 9, lines 30-50, Fowler)).

2. With regards to claim 2, Fowler teaches the system wherein the positional data received is in the form of an address of the physical location and the user interface converts that into the positional data (The bots are able to contain server means by which to "host" the measured data (column 6, lines 63-67, Fowler) hence, IP data (or IP address) is transmitted and the user interface interprets the IP data as data pertaining to a physical location (Figure 20, Fowler)).

3. With regards to claim 3, Fowler teaches the system wherein the user interface also receives a range data that specifies access range from the physical location within which the receiver system can receive the electronic file (Fowler's design allows the interface to view the network status (Figure 17, Fowler)).
4. With regards to claim 4, Fowler teaches the system that further comprises a wireless transceiver that sends the electronic file wirelessly to a remote server system, wherein the remote server system stores the electronic file and sends the electronic file to the receiver system, wherein the system further comprises a web gateway that sends the electronic file to a remote server system via an external internet (Fowler's design allows the design to be transmitted over a network (column 6, lines 63-67, Fowler), including by wireless means (column 15, lines 7-8, Fowler)).
5. With regards to claim 5, Fowler teaches the system wherein the user interface also receives a time data that indicates a range of times when the electronic file can be sent, and a tag data that indicates the name or label of the web address (Figures 17 and 20, Fowler).
6. With regards to claim 6, Fowler teaches the system that is further comprising a positioning module that provides the positional data of the current position of the

system (Figure 20 illustrates this by displaying a picture of the room (item 408) and textually describing the location (text under item 402)).

7. With regards to claim 7, Fowler teaches a system for posting a web address of a web page associated with a physical location, comprising: a virtual link creator that creates a virtual beacon comprising an electronic file that contains positional data and a web address related to a physical location having a web page; a virtual link server system that receives the virtual beacon comprising the electronic file and transmits the electronic file to any receiver system at or near the physical location related to the virtual beacon position via a communication network such that the web address of the physical location having the web page is virtually posted at the physical location having the web page via the virtual beacon without employing a physical object to host the web address (Fowler teaches a networked monitoring design. The design features a system of bots such as climate bot and Net bot (equivalent to the claimed receiver system) to monitor various physical locations (column 7, lines 7-25) and transmit data through the network related to the location (column 6, lines 63-67, Fowler). Each of the bots is able (but not required) to "host" as well and post the relevant data over the network. The design allows for a web page interface (equivalent to the claimed user interface) (column 7, lines 18-20, Fowler) and also features agents (equivalent to the claimed virtual beacon) to request and transfer the relevant data from the bots (column 7, lines 21-25 and column 9, lines 30-50, Fowler)).

8. With regards to claim 8, Fowler teaches a system wherein the virtual link creator further comprises a user interface that receives user input of the positional data of the physical location, the web address of the web page, and other property data, wherein the electronic file also includes the other property data; an association module that creates the electronic file that includes the positional data and the web address (Figures 17 and 20, Fowler).
9. With regards to claim 9, Fowler teaches a system wherein the virtual link creator further comprises a wireless transceiver that sends the electronic file to the virtual link server system; a web gateway that sends the electronic file to the virtual link server system via an external Internet when the virtual link server system is also coupled to the external internet; a positioning module that provides the positional data of the current position of the virtual link creator (Fowler's design allows the design to be transmitted over a network (column 6, lines 63-67, Fowler), including by wireless means (column 15, lines 7-8, Fowler). Plus, Figure 20 illustrates the positional traits by displaying a picture of the room (item 408) and textually describing the location (text under item 402)).
10. With regards to claim 10, Fowler teaches a system wherein the property data include a range data that specifies access range within which the receiver system can receive the electronic file when near the physical location, a time

data that indicates a range of times when the electronic file can be sent, and a tag data that indicates the name or label of the web address (Figures 17 and 20, Fowler).

11. With regards to claim 11, Fowler teaches a system wherein the virtual link server system only sends the electronic file to remote receiver systems that are at or near the physical location although the electronic file is not located adjacent to the physical location (Fowler's design allows the design to be transmitted over a network (column 6, lines 63-67, Fowler), including by wireless means (column 15, lines 7-8, Fowler). Where the data is transmitted can be set).

12. With regards to claim 12, Fowler teaches a system wherein the virtual link server system further comprises a store that stores the electronic file; an email server that sends the electronic file in email form; a web server that sends the electronic file in web page form; a gateway that interfaces with the external communication network to receive the electronic file, and interfaces with other communication networks to send the electronic file in the email or web page form (Fowler's design allows the design to be transmitted over a network (column 6, lines 63-67, Fowler), including by wireless means (column 15, lines 7-8, Fowler). The design allows the data to be presented via web page form (Figure 20, Fowler) or email form (column 7, line 5, Fowler)).

13. With regards to claim 13, Fowler teaches the system wherein the virtual link server system further comprises a filtering module that receives, from the requesting receiver system, the positional data of the current position of the receiver system and a request for any electronic file with a positional data indicating a position at or near the current position of the receiver system, wherein the filtering module then causes all electronic files stored in the store with the positional data indicating a position at or near the current position of the receiver system to be sent via one of the email server and the web server to the requesting receiver system based on the range data of the respective electronic files (Fowler discloses how data retrieved is parsed and sorted (equivalent to filtered) and then displayed to the user (column 17, line 63 – column 19, line 15, Fowler)).
14. With regards to claim 14, Fowler teaches the system wherein the filtering module does not cause any electronic file stored in the store with the positional data indicating a position not at or near the current position of the receiver system to be sent to the receiver system (Fowler discloses how data retrieved is parsed and sorted (equivalent to filtered) and then displayed to the user (column 17, line 63 – column 19, line 15, Fowler)).
15. With regards to claim 15, Fowler teaches a web navigation system, comprising:
a virtual link creator that creates a virtual beacon comprising an electronic file

that contains positional data and a web address related to a physical location having a web page associated therewith; a virtual link server system that receives the virtual beacon comprising the electronic file, wherein the server system can transmit the virtual beacon comprising electronic file via a communication network; a receiver system having position data capabilities related to a current physical location of said receiver system, said receiver system capable of communicating with the server system and external internet, said receiver system providing the position data to said server system and receiving the virtual beacon comprising the electronic file from the server system, said server system monitoring the position data from said receiver system and providing a virtual beacon comprising the electronic file and the web address the when the receiver system is near the physical location such that the web address of the web page is virtually posted at the physical location without employing a physical object to host the web address at the physical location (Fowler teaches a networked monitoring design. The design features a system of bots such as climate bot and Net bot (equivalent to the claimed receiver system) to monitor various physical locations (column 7, lines 7-25) and transmit data through the network related to the location (column 6, lines 63-67, Fowler). Each of the bots is able (but not required) to "host" as well and post the relevant data over the network. The design allows for a web page interface (equivalent to the claimed user interface) (column 7, lines 18-20, Fowler) and also features agents

(equivalent to the claimed virtual beacon) to request and transfer the relevant data from the bots (column 7, lines 21-25 and column 9, lines 30-50, Fowler)).

16. With regards to claim 16, Fowler teaches the system wherein the virtual link server system sends the electronic file to the receiver system when the receiver system informs the virtual link server system of its current position and when the virtual link server system determines that the receiver system is at or near the physical location by comparing the positional data of the current position of the receiver system with the positional data in the electronic file (When the proper bot is detected, data is transferred between it and the company web server (item 30, Figure 2, Fowler) and any other authorized device (column 17, line 63 – column 19; line 15, Fowler)).

17. With regards to claim 17, Fowler teaches the system wherein the virtual link creator further comprises a user interface that receives user input of the positional data of the physical location, the web address of the web page, and other property data, wherein the electronic file also includes the other property data; an association module that creates the electronic file that includes the positional data and the web address; a wireless transceiver that sends the electronic file to the virtual link server system; a web gateway that sends the electronic file to the virtual link server system via an external internet when the virtual link server system is also coupled to the external internet; a positioning

module that provides the positional data of the current position of the virtual link creator (Figures 17 and 20 illustrate how Fowler's design is able to display the data through a web browser. Information regarding the physical location and IP address information are present. Plus, Fowler discloses how wireless networking means are present within the design (column 15, lines 7-8, Fowler)).

18. With regards to claim 18, Fowler teaches the system wherein the property data include a range data that specifies access range within which the receiver system can receive the electronic file when near the physical location, a time data that indicates a range of times when the electronic file can be sent, and a tag data that indicates the name or label of the web address (Figures 17 and 20, Fowler).

19. With regards to claim 19, Fowler teaches the system wherein the virtual link server system further comprises a store that stores the electronic file; an email server that sends the electronic file in email form; a web server that sends the electronic file in web page form; a gateway that interfaces with the external communication network to receive the electronic file from the virtual link creator, and interfaces with other communication networks to send the electronic file in the email or web page form to the receiver system; a filtering module that receives, from the requesting receiver system, the positional data of the current position of the receiver system and a request for any electronic file with a

positional data indicating a position at or near the current position of the receiver system, wherein the filtering module then causes all electronic files stored in the store with the positional data indicating a position at or near the current position of the receiver system to be sent via one of the email server and the web server to the requesting receiver system based on the range data of the respective electronic files (Fowler's design has means for servers (item 30, Figure 2, Fowler) and email means (column 7, line 5, Fowler). In addition, Fowler discloses how data retrieved is parsed and sorted (equivalent to filtered) and then displayed to the user (column 17, line 63 – column 19, line 15, Fowler)).

20. With regards to claim 20, Fowler teaches the system wherein the filtering module does not cause any electronic file stored in the store with the positional data indicating a position not at or near the current position of the receiver system to be sent to the receiver system (Fowler discloses how data retrieved is parsed and sorted (equivalent to filtered) and then displayed to the user (column 17, line 63 – column 19, line 15, Fowler)).

21. With regards to claim 21, Fowler teaches the system wherein the receiver system further comprises a positioning module that determines the current position of the receiver system; a wireless transceiver that sends a request for the electronic file to the virtual link server system, wherein the request includes the positional data of the current position of the receiver system, wherein the transceiver also

receives the electronic file from the virtual link server system; a virtual link projector that displays the names of the web addresses contained in all electronic files received from the virtual link server system; a web access module that uses a selected web address to access the corresponding web page via the external internet (Fowler's design allows the design to be transmitted over a network (column 6, lines 63-67, Fowler), including by wireless means (column 15, lines 7-8, Fowler). Plus, Figure 20 illustrates the positional traits by displaying a picture of the room (item 408) and textually describing the location (text under item 402)).

22. With regards to claim 22, Fowler teaches the system wherein the receiver system further comprises an orientation module that determines the orientation of the receiver system, wherein the positional data of the current position of the receiver system includes the orientation of the receiver system; a user interface that allows the receiver system to receive user input of (1) the positional data of the receiver system and (2) an access range data that specifies an access range of the receiver system in receiving electronic files (Figure 20 illustrates the positional traits by displaying a picture of the room (item 408) and textually describing the location (text under item 402). Plus, the design allows for user interface by which to specify desired adjustments (column 8, line 58 – column 9, line 6, Fowler)).

23. With regards to claim 23, Fowler teaches the system wherein the virtual link projector further comprises a display that displays the names of the web addresses in all electronic files received by the receiver system; a digital horizon module that specifies the access range of the receiver system in receiving the electronic files; a vectoring filter that uses the orientation from the orientation module to filter out electronic files within the access range but not in the direction pointed by the receiver system (Fowler's design allows the design to be transmitted over a network (column 6, lines 63-67, Fowler), including by wireless means (column 15, lines 7-8, Fowler). Plus, Figure 20 illustrates the positional traits by displaying a picture of the room (item 408) and textually describing the location (text under item 402). Furthermore, Fowler discloses how data retrieved is parsed and sorted (equivalent to filtered) and then displayed to the user (column 17, line 63 – column 19, line 15, Fowler) and how the user is able to select the measuring parameters (column 8, line 58 – column 9, line 6, Fowler)).

Remarks

The amendment received on June 20, 2005 has been carefully examined but is not deemed fully persuasive. A new search has been conducted due to the claim amendments and a new office action has been compiled in response to the request for continued examination.


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Azizul Choudhury whose telephone number is (571) 272-3909. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on (571) 272-3933. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AC


JASON CARDONE
SPE AU: 2145